

File No.: CTCE/BBMP/W.No.17/KRIDL/AGG/2012-13

: 23.11.2012



TEST REPORT ON COARSE AGGREGATES

IS 383-1970 (RA- 2002)

Client	: Asst. Executive Engineer, 01 Sub Division, RR Nagar Project, BBMP, Bangalore.
Agency	: Technical Manager (West), KRIDL, Bangalore.
Name of Work	: Development of SWD from Hongevana to Railway Track Mutyalanagara in Ward No.17, RRN Zone, BBMP, Bangalore.
Reference	: EE(Proj)/RRN/Wo.No./23/2012-13 Dated: 15.06.2012
Date of Testing	: 23.11.2012
Material	: 40mm Aggregates

Total Wt. of Aggregates in gms	25500
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Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits
80	0	0	0	100	100
40	995	3.90	3.90	96.10	95-100
20	15460	60.63	64.53	35.47	30-70
10	6135	24.06	88.59	11.41	10-35
4.75	2470	9.69	98.27	1.73	0-5

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 15 days from the date of testing

 $\Delta E-H$

ಕರ್ನಾಟಕ ಕಾರ್ಮಿಕರ ಸಂಘಟನಾ ಸಂಸ್ಥೆ
ಆರ್.ಆರ್. ನಗರ ಬೆಂಗಳೂರು ಜಿಲ್ಲಾ-ಬೆಂಗಳೂರು-01
ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

S. Radmanathan

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CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2008 Certified Company



Job No.: CTCE/BBMP/W.No.17/KRIDL/CUBE/2012-13

06.12.2012

TEST REPORT ON CONCRETE CUBES

Client : **Asst. Executive Engineer**, 01 Sub Division, RR Nagar Project, BBMP, Bangalore.

Agency : **Technical Manager (West)**, KRIDL, Bangalore.

Name of the work : Development of SWD from Hongevana to Railway Track Mutyalanagara in Ward No.17, RRN Zone, BBMP, Bangalore.

Reference : EE(Proj)/RRN/Wo.No./23/2012-13 Dated: 15.06.2012

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm²

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M₂₀

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	29.11.2012	06.12.2012	8.267	437.5	19.44
2	29.11.2012	06.12.2012	8.192	423.6	18.83
3	29.11.2012	06.12.2012	8.345	441.2	19.61

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AE-11
ಸಹಾಯಕ ಸಾರ್ವಜನಿಕ ಅಭಿಯಂತರರು
ಆರ್.ಆರ್. ನಗರ ಯೋಜನೆ ಉಪ-ವಿಭಾಗ-01
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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Job No.: CTCE/BBMP/W.No.17/KRIDL/MS Angle/2012-13



29.11.2012

TEST REPORT ON STRUCTURAL STEEL

Client : **Asst. Executive Engineer**, 01 Sub Division, RR Nagar Project, BBMP, Bangalore

Agency : **Technical Manager (West)**, KRIDL, Bangalore.

Name of work : Development of SWD from Hongevana to Railway Track Mutyalanagara in Ward No.17, RRN Zone, BBMP, Bangalore.

Reference : EE(Proj)/RRN/Wo.No./23/2012-13 Dated: 15.06.2012

Samples ID : Samples Supplied By Agency

Specimen Size : ISA-65X65X6mm (1m Length)

Sl.No	Description	Result
1	Thickness	6.15
2	Width	65.0 mm
3	Weight / Meter	5.835 Kg

The Results relate only to the items tested

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ಆರೋಗ್ಯ ಮತ್ತು ಸಾರ್ವಜನಿಕ ಕಾರ್ಯದ ಇಲಾಖೆ
ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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